

CBP and Trade Automated Interface Requirements

ACE Cargo Release – SO Status Notification

April 06, 2021



U.S. Customs and
Border Protection



ACE Cargo Release SO Status Notification

This chapter provides records pertaining to ACE Cargo Release (formerly known as Simplified Entry) Status Notifications.

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This is a conditional output record that provides information to trade from PGAs.

Table of Changes

Revision Number	Date of Change	Section(s) Affected	Brief Description of Change
31	April 06, 2021	Record Layout	SO70, SO71: Removed PGA-related codes from various notes. Referenced the new document where the codes now reside, called PGA Status Notification Codes (found in the PGA Message Set Documents section on CBP.gov)
30	March 1, 2021	Record Layout	SO70 Note 3: Added Reason code 52, under status code 11 SO71 Note 4: Added subreason code 191 under reason code 52.
29	February 23, 2021	Record Layouts	SO70 Note 2: Removed 06 (Do not devan) PGA line level Status code; Updated description for 08 PGA line level status code Note 3: Updated the column header title text to "Then a Valid Reason Code can be:" Added 06 (Do not devan) as a reason code under 02 (hold intact); Removed status code 06 with reason code 21; Added reason code 46 (release to CBP agriculture) under status code 07 (may proceed); Updated descriptions for reason codes 30 and 31 under status code 08; Removed reason code 53 under status code 08 Added reason code 30 and 31 under status code 11 SO71 Note 4: Updated the column header title text to "If the Reason Code is:" Added reason code 06 and associated sub reason code 188 (do not devan – exam); Added subreason code 101 associated to reason code 11

Revision Number	Date of Change	Section(s) Affected	Brief Description of Change
			<p>Removed subreason code 102 associated to reason code 11;</p> <p>Added sub reason codes 189, 190, associated to reason code 12;</p> <p>Removed sub reason code 145 (partial refuse), associated to reason code 40;</p> <p>Added subreason codes 100, 101, 102, associated to reason code 40</p> <p>Updated definition of subreason code 102 to “full refuse”;</p> <p>Updated description for sub reason code 139</p>
28	August 24, 2020	Record Layouts	<p>SO70</p> <p>Note 2:</p> <p>Added two PGA Line Level Status Codes (12, 13);</p> <p>Added paragraph to the note</p> <p>Note 3:</p> <p>Added reason code 45, associated to 07, May Proceed;</p> <p>Added associated reason codes for resolving docs required (60) and resolving intensive (65, 66)</p> <p>Changed Status Reason Code numbers: from 45 (FWS Clearance Refused) and 46 (Partial Release and refused), to 35 and 36</p>
27	April 10, 2020	Record Layout	<p>SO71</p> <p>Note 1:</p> <p>Updated valid qualifier codes for PGA Reference Identification Number Qualifier with a leading zero</p>

Revision Number	Date of Change	Section(s) Affected	Brief Description of Change
26	February 12, 2020	Record Layouts	<p>SO70:</p> <p>NOTE 3: Changed the following Status Reason code numbers: 08-28 is now 08 – 52 08-29 is now 08 – 53</p> <p>NOTE 7: Added new PGA processing group version 03</p> <p>Added NOTE 9 to explain receipt of line 000 for certain PGA-related reviews.</p> <p>SO71:</p> <p>Added two data elements to replace the ‘filler’ field.</p> <p>This accommodates the FWS eDEC number and any future numbers whose length is greater than 12X.</p> <p>NOTE 1: Updated to indicate which Reference numbers can be returned in positions 7-18 and which Reference numbers will be returned in positions 61-62.</p> <p>NOTE 4:</p> <p>Updated the text for the following sub reason codes associated to Status reason code 14: 111, 155, 172, 175, 176, 178</p> <p>Added sub reason code 183 associated to Status reason code 14, for APHIS Core.</p> <p>Added the following sub reason codes for status code 26: 108, 109, 110, 111, 112, 120, 158</p> <p>Changed Status reason code 28 to 52</p>
25	November 19, 2019	Record Layout	<p>SO60:</p> <p>Note 3:</p> <p>Updated link to Document Imaging System (DIS) Implementation Guide</p>

Revision Number	Date of Change	Section(s) Affected	Brief Description of Change
24	June 7, 2019	Record Layout	SO60 Note 1: Removed One USG definition Added hyperlink to Cargo Release Glossary of Terms Changed code descriptions for codes 74, 75, and 76 Code 24 marked as future use
23	November 1, 2018	Record Layout	SO42 Date of In-bond Departure changed to In-bond Create Date

Revision Number	Date of Change	Section(s) Affected	Brief Description of Change
22	May 11, 2018	Record Layouts	<p>SO20</p> <p>For NOTE 1: Reformatted descriptions for CR and RSN</p> <p>For NOTE 2: Specified that Reason Codes are for RSN only</p> <p>SO50</p> <p>For NOTE 1: Added code 74. Added an explanation of code 58.</p> <p>SO60</p> <p>Record Identifier: Changed Release Origin to Release Origin Code</p> <p>For NOTE 1: Changed code descriptions for codes 70, 71, 72, and 73.</p> <p>For NOTE 2: Marked codes in Note 2 as future use.</p> <p>For NOTE 3: Provided a link to DIS Implementation Guide.</p> <p>SO71</p> <p>For NOTE 4: Updated Status Sub Reason Code Descriptions for 111 and 112.</p>
21	October 17, 2017	Record Layouts	<p>SO70</p> <p>For NOTE 2: Updated status codes 1, 2, 6, 7, and 8 to 01, 02, 06, 07, and 08</p> <p>For NOTE 3: Added new status codes, reason codes, and descriptions</p> <p style="padding-left: 40px;">02 51 FWS CONDITIONAL CLEARANCE</p> <p style="padding-left: 40px;">07 50 FWS CLEARED</p> <p>For NOTES 6 and 7: Updated status codes 1 and 2 to 01 and 02</p>
20	September 12, 2017	Record Layouts	<p>SO50</p> <p>For NOTE 1: Added new disposition code and description.</p> <p style="padding-left: 40px;">63 INBOND DELETED AFTER ARRIVAL AND RELEASE</p>

[illegible]

Revision Number	Date of Change	Section(s) Affected	Brief Description of Change
15	June 28, 2016	Record Layouts	<p>SO70 - For NOTE 7: Added Value '02' to indicate next version of PGA Processing Group along with a text description; Added NOTE 8: about reviewing status action time</p> <p>SO71 - For NOTE 1: Added code 06 (FWS eDECS Confirmation Number) For NOTE 4: Updated description for status reason code 26, sub reason code 149, per PGA</p> <p>SO60 – For NOTE 3: Added dates for deployment of new document types/codes to CERT and PROD environments.</p>
14	May 25, 2016	Record Layouts	<p>S060 – For 'Document Type', increased length from 3AN to 6AN. For 'Filler', decreased length from 13AN to 10AN.</p>
13	May 13, 2016	Record Layouts	<p>SO70 – For 'Document Type Code', increased length from 3AN to 5AN; Deleted 'Filler'; For NOTE 2: Changed description for code 10 from "Documents Required" to "Document Required"</p>

Revision Number	Date of Change	Section(s) Affected	Brief Description of Change
			<p>For NOTE 3: Changed description of Reason Code 22 from “May Proceed” to “General”; For PGA status reason code 11, added codes 45 (“FWS Clearance Refused”) and 46 (“Partial Release and Refuse”)</p> <p>For NOTE 4: Added text to the end of the first sentence in the note for clarification.</p> <p>SO71 – For NOTE 1: Added codes 03 (AMS Confirmation Number), 04 (AMS FV6 Number) and 05 (AMS LPS-222 Number) related to USDA Agriculture Marketing Service</p> <p>For NOTE 4: For status reason code 11, added codes 102 (“REFUSED”); For status reason code 14, added codes 154 – 177, related to U.S. Fish and Wildlife (FWS); for status reason code 40, added code 180 (‘DIVERT TO ACCEPTABLE USE’) related to US Department of Agriculture</p> <p>SO60 – For NOTE 3: Added reference to Document Imaging System, Appendix A for future use of document ids included in SO60 record.</p> <p>SO10 – Removed one filler field and added a new data element, “Correction Response Indicator”. This data element applies to the PGA CA (correction) process. Renumbered the record accordingly.</p>
12	January 14, 2016	Record Layouts	<p>SO70 – -changed second sentence in header text to read, “...at the <i>PGA</i> Entry or PGA Line Level” (added ‘PGA’ before Entry) -For NOTE 3: Changed first column header to read “If PGA Line Level Status Code is” (deleted <i>PGA Entry Line</i>)</p>

Revision Number	Date of Change	Section(s) Affected	Brief Description of Change
			<p>SO71 –</p> <p>-For NOTE 4: For status reason code 14, added codes 152 ('INVALID CANADIAN PROVINCE') and 153 ('INVALID PRODUCT CODE');</p> <p>-For NOTE 4: For status reason code 40, sub reason code 44, changed name of code from 'TEMPORARY PARTIAL REFUSE' to 'REFUSAL SATISFIED'</p>
11	Jan 7, 2016	Table of Contents Record Layout Key Record layouts	<p>Updated Table of Contents</p> <ul style="list-style-type: none"> - Hyperlinks/Page numbers - Added section, Record Layout Key, replacing General Rules section. <p>SO20 – Added Reference Identifier Qualifier, <i>RRN</i>, Rail Reference Number.</p> <ul style="list-style-type: none"> - Added explanatory text for Reference Identifier Qualifiers <i>CR</i> and <i>RRN</i> <p>SO60 – Update to definition of “ONEUSG” status message</p> <p>SO70 –</p> <p>-Updated title of ‘Entry Level Status code’ and ‘Entry Level Status code message’ to ‘<i>PGA Entry Level Status code</i>’ and ‘<i>PGA Entry Level Status message</i>’</p> <p>-Updated ‘<i>PGA Entry Line Level Status Code</i>’ (formerly known as ‘Entry Line Level Status Code’) to note that it will be Future Use.</p> <p>-Changed ‘Status’ of “<i>Government Agency Program Code</i>” to ‘C’;</p> <p>-For NOTE 1: deleted codes 04, 06, 08, 10, 11; Added statement about the statuses that will appear at this level.</p> <p>-Deleted NOTE 2 associated with Entry Line Level Status code and renumbered remaining notes accordingly</p> <p>For new NOTE 2 (formerly NOTE 3):</p> <p>-added the following PGA Line Level Status codes: 02 “HOLD INTACT”; 06 “DO NOT DEVAN”; 08 “MOVE TO</p>

Revision Number	Date of Change	Section(s) Affected	Brief Description of Change
			<p>SECURE HLDNG FCLTY”; 10 “DOCUMENTS REQUIRED”; and 11 “INTENSIVE – EXAM/SAMPLE”</p> <p>For new NOTE 3 (formerly NOTE 4):</p> <ul style="list-style-type: none"> -added Status Reason Code associated with 02 (code 28 “LAB RESULTS PENDING”; code 29 “LAB RESULTS FAILED”; code 40, “REFUSED”; code 44, “FAILURE TO PRESENT”); -for 02, changed reason code 11 description from ‘HOLD INTACT’ to ‘GENERAL’; -added status reason code associated with 04 (code 26, “PN DATA REJECTED”); <p>-Changed data field <u>lengths</u> of the following data elements from 3 to 4; and, changed the output <u>format</u> to ‘N’ to account for future expansion:</p> <p><i>Beginning CBP line, Ending CBP line;</i></p> <ul style="list-style-type: none"> -Removed “Range Indicator”; -Inserted two new data elements: <i>Beginning Tariff Position, Ending Tariff Position;</i> -Added NOTE related to <i>Beginning Tariff Indicator;</i> -Inserted new data element: <i>PGA Processing Group Version.</i> -Added new NOTE 7 related to the PGA Processing Grouping Indicator. -Removed <i>Filler;</i> -Renumbered SO70 data element positions accordingly <p>SO71</p> <ul style="list-style-type: none"> - Changed the last word in the description for PGA Reference Identification Number Receipt Date and Time (from ‘received’ to ‘generated’); -Changed the word ‘number’ to ‘identifier’ in the description for “<i>PGA Reference Identification Number</i>”; -For NOTE 1, updated codes from ‘1’ and ‘2’ to ‘01’ and ‘02’; -For NOTE 4:

Revision Number	Date of Change	Section(s) Affected	Brief Description of Change
			<ul style="list-style-type: none"> - Moved sub reason code 103 “PARTIAL RELEASE ANS REFUSE” from status code 11 to be associated with status code 40; - Deleted sub reason code 145 “PARTIAL RELEASE” (associated with status reason code 11); - Moved sub reason code 144 from status code 11, to be associated with status code 40; changed the description from “PARTIALRELEASE” to “REFUSAL SATISFIED”; - Added sub reason code 151 ‘MISSING DATA’ associated with reason code 14; - Changed the Status Reason Code from 14 to 26, associated with sub reason codes 122, 123, 124, 125; - Removed sub reason code 102 ‘REFUSED’ associated with status reason code 11; - Added sub reason code 149 (“FDA PRODUCT CODE MISMATCH...”), associated with reason code 26; <p>SO72 – updated the description text for the data element, <i>Comments to Trade from PGA</i>, to read “A narrative message from PGAs to the trade regarding a particular PGA line.”</p>
10	July 27, 2015	<ul style="list-style-type: none"> a. Record Layouts b. Usage Map 	<p>Added new data element and associated codes to record SO70, related to type of PGA hold on the entry</p> <p>In SO70, from Note 1, removed code 13, changed Entry Level Status Code 8 to “MOVE TO SECURE HLDNG FCLTY”;</p> <p>from Note 4, removed status code 27 (associated with code 02), removed status reason codes: 35, 36, 37 (associated with code 11), removed status reason code 99 (associated with code 13)</p> <p>In the SO70, changed the length of PGA line from 4 to 3 (to match what is in the PGA Message Set CATAIR).</p> <p>Updated length/class/position numbering in SO71</p> <p>In the SO71, changed the length/class of PGA Reference Identification Number) from N to X.</p>
			Removed SO60 from Bill of Lading grouping.

Revision Number	Date of Change	Section(s) Affected	Brief Description of Change
9	May 20, 2015	c. Table of Content d. Usage Map e. Record Layouts	Added new record SO71 to accommodate PGA processing data. Added new record SO72 to accommodate information from PGAs.
8	April 2, 2014	a. Record Layouts	Added disposition code 79 to SO60 record.
7	November 15, 2013	a. Table of Content b. Usage Map c. Record Layouts	Added new record SO70 to accommodate PGA data disposition.
6	August 20, 2013	a. Table of Content b. Usage Map c. Record Layouts	Changed record identifiers from SE## to SO##. Added a new record SO42 for in-bond data. Added split shipment release code and elected entry date data elements to SE91 record. Added manifested quantity data element to SE94 record. Added Split shipment indicator, Carrier Code, Voyage/Flight/Trip Manifest Number, Date of Arrival, Port of Entry data elements to SE95 record. Added qualifiers to the SE92 record to report the reason and comments provided by CBP for the rejection of a correction / cancellation request. Added disposition codes to the SE96 record to support correction / cancellation requests.
5	May 25, 2012	a. Usage Map b. Record Layouts	Added disposition code 90 to SE96 record. Updated the usage map to correctly reflect the SE95 record.
4	March 7, 2012	a. Record Layouts	Modified data element names in the SE93 record. Modified disposition codes in the SE95 record.
3	February 29, 2012	a. Record Layouts	Added document list codes to SE96 record.
2	February 10, 2012	a. Table of Content b. Usage Map c. Record Layouts	Modified SE91 record to allow for possible future expansion of the Entry Filer Code and/or Entry Number. Added a new record SE92 for reference data; renamed the remaining records to allow for this.

Customs and Trade Automated Interface Requirements

Revision Number	Date of Change	Section(s) Affected	Brief Description of Change
			Modified the SE94 record to report bill information in a similar manner as the SE15 input record. Modified the SE96 record to report required document code.
1	January 18, 2012	a. Table of Content a. Record Layouts	Initial Draft

ACE Cargo Release Status Notification

The ACE Cargo Release Status Notification chapter contains sections pertaining to status notification messages generated in response to ACE Cargo Release (SE) cargo release processing.

Processing Results

The processing results notify an automated ACE Cargo Release filer of the release status of an SE and whether an AMS bill of lading has been matched to the SE, e.g. “On File” or “Not On File”. Problems typically occur if the bill number submitted with the SE data is incorrect, not on file, or is qualified with a bill type (House or Simple) that does not match what in AMS.

Input: There are no ACE Cargo Release Status Notification input records.

Output: Record Identifiers SO10, SO30, SO40, and SO50 are the mandatory output records.

The application identifier on Record Identifier B is SO. For additional information on Record Identifier B, refer to the Application Control chapter of this publication.

Record Layout Key

This sub-section is copied from **ACE CATAIR Appendix Q, dated July 10, 2013**, and provides the record layout key for ACE ABI CATAIR chapters. It describes the columns of the record layout definitions contained in ACE ABI CATAIR chapters. Please note that this key is *different* from the record layout key for the ACS ABI CATAIR.

Data Element:

Contains the name of the reported data field.

Length:

Indicates the maximum, allowed length of the reported data element.

Class:

Defines the domain of values accepted for the data element. The class definition represents the accepted domain to be used in **all** filing scenarios. Class codes are as follows:

- S** = Space ONLY.
- A** = Alphabetic Data. Consists of characters A through Z (uppercase ONLY).
- N** = Numeric Data Only. Consists of numerals 0 through 9.
- (S)N** = Numeric Data Variation. May contain '**Numeric Data Only**' **or** may consist of one or more spaces followed by numerals 0 through 9. Must consist of at least one right justified numeral. This variation of numeric class may be used for amounts, rates, and counts (where specified).
- AN** = Alphanumeric Data. Consists of characters A through Z (uppercase ONLY), numerals 0 through 9, and space.
- D** = Known Date. Consists of numerals 0 through 9 (format MMDDYY).
- X** = Special Data. Consists of characters A through Z (uppercase ONLY), numerals 0 through 9, space, and any other character found on a standard keyboard. The following characters are accepted:

! @ # \$ % ^ & * () - _ = + [{] \ | ; : ' " , < . > / ? ` ~

Generally, the numeric data class is reserved for a data element used as an integer. It may also include a data element used as a sequencer (e.g., a line number).

Generally, any identifier or code is classed as alphanumeric. Note that this would include an identifier or code that may be required to be reported as all numerals.

Position:

Indicates the beginning and ending position, respectively, of the reported data element within the 80-character record.

Designation:

Indicates the reporting requirement as follows:

- M** = Mandatory. A value conforming to the listed class is required in all filing scenarios.
- C** = Conditional. A value conforming to the listed class may or may not be required for a particular filing scenario. The usage notes will describe the specific cases in which the data element is required or not allowed to be reported.
- O** = Optional. A value conforming to the listed class will be conditionally accepted if provided. An optional data element may be subject to validation, however.

Description:

Defines the data element and provides a further description of how it is to be reported. May include a list of acceptable values, an exception or further specification of the data class, and/or various rules regarding format, justification, and truncation.

Note:

Points to a further discussion regarding the reporting of the particular data element.

Additional Record Key Layout Rules

Unused fields, which are defined as numeric, should not be zero-filled. These fields should be space filled or data errors may result.

Data should not be placed in fields defined as filler. If data is present in filler fields, an error message may be system generated.

When transmitting data, all letters must be upper case. While some applications may not return specific error messages when detecting lower-case letters, CBP cannot guarantee the consistency of processing results for data transmitted in lower case.

All data elements are in fixed-length format. If all positions are not filled, the formatting rules are:

Code Description

- A** Left justify and Space fill.
- AN** Left justify and Space fill.
- N** Right justify and zero-fill.
- X** Left justify and Space fill.

Note: Unless otherwise specified, if there is no data to insert in a field, Space fill.

OUTPUT STATUS RECORD USAGE MAPS

he following tables illustrate how the automated interface expects repeating groups to be structured within an output status message.

Record ID	Name	Req. Des.	Max Use	Loop Repeat
	Block Control Grouping	M		1
	Transaction Control Headers (A,B)	M		
	ACE Cargo Release Status Header Grouping	M		1
SO10 SO20	ACE Cargo Release Status Header Reference Information	M C	1 99	
SO30	Line Item Information	C	999	
	Bill of Lading Information Grouping	C		999
SO40 SO42	Bill of Lading Information In-bond Information	M C	2 99	
SO50	Bill Match Disposition	M	1	
SO60	Cargo Release Processing Disposition	C	999	
	PGA Processing Grouping	C		999
SO70 SO71	PGA Processing Disposition Additional PGA Processing Disposition	M C	1 99	
SO72	Comments to Trade from PGA	C	99	
	Transaction Control Trailers (Y,Z)	M		

Designation: M = Reporting Mandatory; C = Reporting Conditional; O = Reporting Optional

Record Identifier SO10 (Output)

This is a mandatory cargo release processing results output record that provides data pertaining to the district/port of entry, entry filer code, entry number, entry type, importer of record number, carrier code, vessel name, voyage/flight/trip manifest number, date of arrival, split shipment release code.

Record Identifier SO10 (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	4AN	1-4	M	Must always equal SO10.	
District/Port of Entry	4N	5-8	C	District/port of entry.	
Entry Filer Code	3AN	9-11	M	A unique code assigned by CBP to all active entry document preparers.	
Filler	2X	12-13	M	Space fill. Reserved filler for possible future expansion of Entry Filer Code and/or Entry Number.	
Entry Number	8AN	14-21	M	The number assigned to the entry.	
Filler	1X	22	M	Space fill.	
Entry Type Code	2N	23-24	M	A code representing the entry type.	
Importer of Record Number	12X	25-36	M	A code identifying the importer of record.	1
Carrier Code	4AN	37-40	C	A code identifying the carrier.	
Vessel Name	20AN	41-60	C	Importing vessel name.	
Voyage/Flight/Trip Manifest Number	5X	61-65	C	The voyage/flight/trip number of the importing carrier.	2
Estimated Date of Arrival	6N	66-71	C	A numeric date in MMDDYY (month, day, year) format representing the date of arrival.	
Split Shipment Release Code	1AN	72	O	Split Shipment release code selected by the filer.	
Correction Response Indicator	1X	73	C	Code of 'P' indicates that the SO response is due to a PGA CA (correction) request.	
Filler	7X	74-80	M	Space fill.	

Note 1

Valid formats for the Importer of Record Number are:

NN-NNNNNNXX

YYDDPP-NNNN

NNN-NN-NNNN

Internal Revenue Service (IRS) Number

CBP Assigned Number

Social Security Number

In these codes, *N* = number, *X* = alphanumeric, *YY* = the last two digits of the calendar year when the number is assigned, and *DDPP* = the district/port code where the number is assigned.

Note 2

Valid flight number formats are NNN, NNNN, NNNA or NNNNA. In these codes, *N* = numeric and *A* = alphabetic.

Valid Ocean and Rail voyage/trip formats are 5AN (alpha-numeric)

Record Identifier SO20 (Output)

This is a conditional output record that provides reference data.

Record Identifier SO20 (Input)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	4AN	1-4	M	Must always equal SO20.	
Reference Identifier Qualifier	3AN	5-7	M	Code that defines the Reference Identifier.	1
Reference Identifier	50X	8-57	M	Reference data.	2
Filler	23X	58-80	M	Space fill	

Note 1

Valid qualifier codes are:

Code Description

CR Filer-defined Reference Number

CR is an optional Filer-defined reference number submitted by the SE filer that will be returned in the SO response messages. When submitted in the SE transaction data set, this Reference Number will be returned to the filer in the SO response messages.

RSN Reason Code provided by CBP for the rejection of a correction / cancellation request

CMT Comments provided by CBP for the rejection of a correction / cancellation request

RRN Rail Reference Number is an optional Rail Carrier-assigned reference number submitted by the SE filer. When submitted in the SE transaction data set, this Reference Number will be returned to the filer in the SO response messages.

Note 2

Valid RSN Reason Codes are:

Code	Description
1	Provided replacement entry is in cancelled status.
2	Provided replacement entry is in open status.
3	Provided replacement in-bond is in deleted status.
4	Requested document is not in DIS.
5	Additional information required via DIS.
6	Unable to verify CBP disposition for full bill quantity on original entry.
7	Provided replacement FTZ Admission is in deleted status.
8	Provided replacement FTZ Admission is in open status.
9	Original entry is on hold. Hold must be resolved prior to correction request.
10	Original entry is on hold. Hold must be resolved prior to cancellation request.
11	Original entry is on PGA hold. Hold must be resolved by PGA prior to correction request.
12	Original entry is on PGA hold. Hold must be resolved by PGA prior to cancellation request.
13	Other (See comments).
14	Original entry and replacement entry must contain identical bill number.
15	Original entry and replacement in-bond must contain identical bill number.
16	Provided replacement entry is not on file.
17	Provided replacement FTZ Admission is not on file.

Record Identifier SO30 (Output)

This is a conditional cargo release processing results output record that provides data pertaining to the country of origin and tariff number. This record is repeated as often as necessary.

Record Identifier SO30 (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	4AN	1-4	M	Must always equal SO30.	
Line Item Identifier	3N	5-7	M	This number is the same as the Line Item Number transmitted on the input Record SE40.	
Country of Origin	2A	8-9	M	The International Organization for Standardization (ISO) country code representing the country of origin. Valid ISO codes are listed in Appendix B of this publication.	
HTS Number	10AN	10-19	M	A code located in the <i>Harmonized Tariff Schedule of the United States Annotated</i> (HTS) representing the tariff number.	
Filler	61X	20-80	M	Space fill.	

Record Identifier SO40 (Output)

This is a conditional cargo release processing results output record that provides data pertaining to the in-bond number, and, as appropriate, master bill number, house bill number, sub-house bill number, [entered] quantity, unit of measure of bill quantity and manifested quantity of the bill of lading.

Record Identifier SO40 (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	4AN	1-4	M	Must always equal SO40.	
Bill Type Indicator	1A	5	M	Code identifying the type of Bill of Lading Number. Valid codes are: R = Regular / Simple Bill of Lading M = Master Bill of Lading H = House Bill of Lading S = Sub-House Bill of Lading (<i>future use</i>) T = Express Carrier Tracking Number (<i>Air only</i>)	
Issuer Code of Bill of Lading Number	4AN	6-9	C	A code representing the party who issued the bill of lading. Space fill for Air mode of transportation.	
Bill of Lading Number	50X	10-59	M	The bill of lading number as listed on the manifest. If the number is less than 50 positions, it is left justified. Do not include spaces, hyphens, slashes or other special characters.	
Quantity	8N	60-67	C	The entered quantity associated with the bill of lading number being reported. It is the smallest exterior packaging unit.	1
Unit of Measure	5X	68-72	C	The unit of measure corresponding to the bill of lading quantity.	
Manifested Quantity	8X	73-80	C	The manifested quantity associated with the bill of lading number being reported. It is the smallest exterior packaging unit.	

Note 1

Air shipments only:

If the bill is split, quantity represents boarded quantity. If bill is not split, quantity represents entered and released.

Record Identifier SO42 (Output)

This is a conditional cargo release processing results output record that provides data pertaining to the in-bond number(s) associated with the bill(s) on the reported on the entry.

Record Identifier SO42 (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	4AN	1-4	M	Must always equal SO42.	
In-bond Number	12AN	5-16	M	The number identifying the in-bond movement.	
In-bond Entry Type	2N	17-18	M	The code representing the type of in-bond movement.	
U.S. Port of In-bond Departure	4N	19-22	M	In-bond port of departure in Schedule D code.	
U.S. Port of In-bond Arrival	4N	23-26	M	In-bond port of arrival in Schedule D code.	
In-bond Create Date	6N	27-32	M	A numeric date in MMDDYY (month, day, year) format representing the date of in-bond creation.	
Date of In-bond Arrival	6N	33-38	C	A numeric date in MMDDYY (month, day, year) format representing the date of arrival of the in-bond.	
In-Bond Quantity	8N	39-46	C	This field is used when the in-bond quantity is less than the full bill quantity of the Bill of Lading. If not provided, the in-bond quantity will automatically be assumed to be full Bill quantity.	
Filler	34X	47-80	M	Space fill.	

Record Identifier SO50 (Output)

This is a conditional cargo release processing results output record that provides data pertaining to the bill match disposition, date / time, disposition code, narrative message, Split Indicator, carrier code, Voyage/flight/trip manifest number, date of arrival, and District/Port of arrival. This record is repeated once for the bill number identified in the SO40 record.

Record Identifier SO50 (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	4AN	1-4	M	Must always equal SO50.	
Disposition Date	6N	5-10	M	A numeric date in MMDDYY (month, day, year) format representing the disposition action date.	
Disposition Time	4N	11-14	M	The military time in HHMM (hour, minute) format representing the time of the disposition action.	
Disposition Code	2AN	15-16	M	A code representing the disposition action.	1
Narrative Message	40X	17-56	M	The narrative message associated with the disposition code.	1
Split Indicator	1A	57	M	Indicates if shipment is split (Y/N)	
Carrier Code	4AN	58-61	C	A code identifying the carrier.	2
Voyage/Flight/Trip Manifest Number	5X	62-66	C	The voyage/flight/trip number of the importing carrier.	2
Date of Arrival	6N	67-72	C	A numeric date in MMDDYY (month, day, year) format representing the date of arrival.	2
District/Port of Arrival	4N	73-76	C	District/port of arrival.	2
Filler	4X	77-80	M	Space fill.	

Note 1

Valid Disposition Codes and their narrative messages are:

Code	Description
91	NO BILL MATCH
92	ACAS BILL ON FILE
93	BILL ON FILE
94	BILL DEPARTED
95	BILL ARRIVED
51	MANIFEST HOLD CBP
52	MANIFEST HOLD AGRICULTURE
53	CBP HOLD
54	CBP MANIFEST HOLD REMOVED
55	AGRICULTURE MANIFEST HOLD REMOVED
56	CBP HOLD REMOVED
57	SPLIT BILL DOES NOT QUALIFY FOR RELEASE
58	QTY IS MORE THAN MANIFESTED BILL QTY*
59	INBOND DOES NOT MATCH OR NOT ON FILE
61	BILL DELETED
62	BILL DELETED AFTER ARRIVAL
63	INBOND DELETED AFTER ARRIVAL AND RELEASE
74	BOL TYPE INELIGIBLE FOR ENTRY PROCESSING

*For Ocean shipments only, if the house bill does not match the master bill, the quantity will be set to 1. Also, if a quantity is not submitted, a default quantity of 1 will be set.

Note 2

This field is populated only for split or partial shipments.

Record Identifier SO60 (Output)

This is a conditional cargo release processing results output record that provides data pertaining to the disposition action date, time, and code; and narrative message, release date, release origin, and document type. This record is repeated as often as necessary.

Record Identifier SO60 (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	4AN	1-4	M	Must always equal SO60.	
Disposition Action Date	6N	5-10	M	A numeric date in MMDDYY (month, day, year) format representing the disposition action date.	
Disposition Action Time	4N	11-14	M	The military time in HHMM (hour, minute) format representing the time of the disposition action.	
Disposition Action Code	2AN	15-16	M	A code representing the disposition action.	1
Narrative Message	40X	17-56	M	The narrative message associated with the disposition code.	1
Release Date	6N	57-62	C	A numeric date in MMDDYY (month, day, year) format representing the release date. This data element is only returned if the Disposition Action Code is 22 or 98.	
Release Origin Code	2N	63-64	C	A code representing the action or date ACE has used to determine the current release date. This data element is only returned if the Disposition Action Code is 22 or 98.	2
Document Type	6AN	65-70	C	A code representing a required document.	3
Filler	10AN	71-80	M	Space fill.	

Note 1

Valid Disposition Codes and their narrative messages are:

Code Description

03	PENDING INTENSIVE EXAM
21	ENTRY DELETED BY CBP*
22	RELEASE DATE UPDATE
23	ENTRY CANCELLED
24	ENTRY CANCELLATION UNSET*
25	ENTRY WILL BE CANCELLED IN 7 DAYS
26	NO BILL MATCH AFTER 30 DAYS
28	NO BILL MATCH AFTER 60 DAYS
31	CST APPROVAL REQUIRED*
	Commodity Specialist Team Approval Required
35	NO CBPF-7501 REQUIRED FOR ENT SUMMARY*
70	QUOTA PENDING
71	QUOTA REJECTED

72	QUOTA RESERVED
73	QUOTA ACCEPTED
74	BOL TYPE INELIGIBLE FOR ENTRY PROCESSING
75	POE REQD, NO AUTO DERIVE POSSIBLE
76	ACTIVE ENTRY SUMMARY NOT FOUND
79	ENTRY NOT PERMITTED AT REPORTED PORT
80	IN-BOND NUMBER NOT ON FILE
81	IN-BOND PORT DISCREPANCY
82	SPLIT SHIPMENT RELEASE CODE REQUIRED
83	SPLIT SHIPMENT RELEASE PENDING**
84	DOC REQUIRED FOR CORRECTION REQUEST
85	DOC REQUIRED FOR CANCELLATION REQUEST
86	CORRECTION REQUEST REJECTED
87	CANCELLATION REQUEST REJECTED
88	ENTRY REPLACED
89	ENTRY SUMMARY PORT DISCREPANCY
90	UNDER CBP REVIEW
96	DOCUMENT REQUIRED
97	ADMISSIBLE
98	RELEASED
99	RELEASE SUSPENDED
01	ONEUSG

* Not used in ACE Cargo Release; reserved for future use.

** Code 83 is used when a Hold All split shipment release code is selected by the filer, where the entry is to be released after all the parts of shipment (full bill quantity) depart.

For additional information on One USG, refer to the ACE Cargo Release Glossary of Terms.

<https://www.cbp.gov/sites/default/files/documents/ACE%20Glossary%20of%20Terms%20FINAL%2012-23-15.pdf>

Note 2

*For Future Use

Valid Release Origin codes are:

Code	Description
1	Selectivity Processing Date
2	Estimated Date of Arrival
3	Actual Arrival Date
4	Paperless Master In-Bond Arrival Date
5	Intensive Exam Completed
6	Override to General Exam
7	CBP Manifest Hold Removed
8	Other Agency Review Completed
9	Release Date Update
99	Release Date Removed

Note 3

Valid Document Type codes and descriptions are posted in the Document Imaging System (DIS) Implementation Guide

<https://www.cbp.gov/document/technical-documentation/ace-dis-implementation-guide>

Record Identifier SO70 (Output)

This is a conditional cargo release processing results output record that provides data pertaining to the review date, time, code, and a narrative message of PGA data. This record is repeated as often as necessary.

This record provides information to trade about a PGAs review of the data at the PGA Entry or PGA Line level.

Record Identifier SO70 (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	4AN	1-4	M	Must always equal SO70.	
Government Agency Code	3AN	5-7	M	A code indicating the Partner Government Agency. Valid codes can be found in Appendix V (Government Agency Codes) in the ACE ABI CATAIR Appendices.	
Government Agency Program Code	3AN	8-10	C	A code indicating an agency's program for which the PGA data set is related. Refer to Appendix PGA for valid codes.	
Status Action Date	6N	11-16	C	A numeric date in MMDDYY (month, day, year) format representing the status action date.	
Status Action Time	4N	17-20	C	The military time in HHMM (hour, minute) format representing the time of the status action.	8
PGA Entry Level Status code	2AN	21-22	C	A code representing the status of a PGAs review, at the Entry Level.	1
PGA Entry Level Status message	28X	23-50	C	The narrative message associated with the Entry Review Status code	
Entry Line Level Status Code	2AN	51-52	C	FUTURE USE	
PGA Line Level Status Code	2AN	53-54	C	A code representing the status of a PGAs review at the PGA Line level.	2
Status Reason Code	2AN	55-56	C	A code representing the reason for a PGAs status review	3
Beginning CBP line	4N	57-60	C	The beginning CBP line number	
Beginning Tariff Position	1N	61	C	The associated tariff position.	4
Beginning PGA Line	3N	62-64	C	The beginning PGA line number.	9
Ending CBP line	4N	65-68	C	The ending CBP line number	
Ending Tariff Position	1N	69		The associated tariff position.	
Ending PGA Line	3N	70-72	C	The ending PGA line number	
Document Type Code	5AN	73-77	C	A code representing a required document.	5
PGA Entry Hold Type	1X	78	C	A code indicating the type of PGA hold on the entry	6
PGA Processing Group Version	2N	79-80	C	A code indicating which version of the SO70, SO71, SO72 grouping is being sent out to trade.	7

Note 1

Valid codes are noted in the *PGA Status Notification Codes* document, in the Valid PGA Entry Level Status Codes section for SO70 Output Related Codes.

Note 2

Valid codes are noted in the *PGA Status Notification Codes* document, in the Valid PGA Line Level Status Codes section for SO70 Output Related Codes.

Note 3

Valid codes are noted in the *PGA Status Notification Codes* document, in the Valid PGA Status Reason Codes section for SO70 Output Related Codes.

Note 4

If no range is provided, then the single line will be provided in this position and no ‘ending tariff position’ value will be provided. If a range of lines is returned, the beginning and ending tariff positions will be provided.

The tariff position represents the order of appearance of the HTS in the CATAIR. Trade is expected to map this accordingly.

Note 5

Valid Document Type codes are listed in the SO60, Note 3

Note 6

If a PGA requires an intensive-exam sample or document required status, the following indicators may be provided to trade:

Code	Description
1	Intensive or document required set by CBP on behalf of the agency listed in positions 5-7
2	Intensive or document required set directly by agency listed in positions 5-7

Note 7

Output values for this data field are:

Value	Description
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{Space Fill}	Pre-existing version of PGA Processing Group
01	February 3, 2016 version of PGA Processing Group
02	July 16, 2016 version of PGA Processing Group
03	April 4, 2020 version of PGA Processing Group

Prior to February 3, 2016 the output value for this field is *Space Fill*.

After February 3, 2016, this field will indicate the version of the PGA Processing Group (SO70, SO71, and SO72).

On July 16, 2016, PGA Processing Group Version 02 will be in place. This will include the increase in length for ‘Document Type Code’ from 3AN to 5AN and the removal of the filler, in the SO71 record.

On April 4, 2020, PGA Processing Group Version 03 will be in place. This will include the addition of a second PGA Reference Identification Number Qualifier and PGA Reference Identification Number pair in the SO71, to allow for submission of numbers greater than the existing 12X.

Note 8

In some instances, trade may receive an SO message that includes different PGA Entry and line statuses for the same PGA data on the same line.

In such cases, trade should review the status action time (positions 17-20) and should use the most recent status.

SO70FDADEV052616091901DATA UNDER PGA REVIEW	01 00011001	01
SO70FDADEV052616093207MAY PROCEED	072200011001	01

Due to the timing of when PGAs may send reviews and when CBP sends out the SO messaging, it is possible that this may occur, and trade should be aware.

Note 9

For entries where a PGA participates in IUSG without their message set being provided on the entry/entry summary (e.g., Consumer Product Safety Commission), trade will receive an SO70 with PGA line number of ‘000’, along with the associated agency code in positions 5-7.

Record Identifier SO71 (Output)

This is a conditional cargo release processing results output record that provides data pertaining to PGA processing of data (e.g., rejections, refusals). If this record is used, an SO70 must be provided. Multiple of these records may accompany a single SO70 record.

NOTE: Any status related to FDA Prior Notice that was filed using the PE CATAIR (standalone) transaction, will be returned on the PO.

Record Identifier SO71 (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	4AN	1-4	M	Must always equal SO71.	
PGA Reference Identification Number Qualifier	2AN	5-6	C	A code representing the type of number being provided from the PGA, in response to data submitted by trade	1
PGA Reference Identification Number	12X	7-18	C	The identifier being provided by the PGA, in response to data submitted by trade	2
PGA Reference Identification Number Receipt Date	6N	19-24	C	A numeric date in MMDDYY (month, day, year) format representing the date that the PGA confirmation was generated.	3
PGA Reference Identification Number Receipt Time	6N	25-30	C	The military time in HHMMSS (hour, minute, second) format representing the time that the PGA confirmation was generated.	3
PGA Line Sub Reason Code	3AN	31-33	C	Code identifying PGA review reason.	4
PGA Line Sub Reason Code	3AN	34-36	C	Code identifying PGA review reason.	
PGA Line Sub Reason Code	3AN	37-39	C	Code identifying PGA review reason.	
PGA Line Sub Reason Code	3AN	40-42	C	Code identifying PGA review reason.	
PGA Line Sub Reason Code	3AN	43-45	C	Code identifying PGA review reason.	
PGA Line Sub Reason Code	3AN	46-48	C	Code identifying PGA review reason.	
PGA Line Sub Reason Code	3AN	49-51	C	Code identifying PGA review reason.	
PGA Line Sub Reason Code	3AN	52-54	C	Code identifying PGA review reason.	
PGA Line Sub Reason Code	3AN	55-57	C	Code identifying PGA review reason.	
PGA Line Sub Reason Code	3AN	58-60	C	Code identifying PGA review reason.	
PGA Reference Identification Number Qualifier	2AN	61-62	C	A code representing the type of number being provided from the PGA, in response to data submitted by trade	1

Record Identifier SO71 (Output)					
Data Element	Length/ Class	Position	Status	Description	Note
PGA Reference Identification Number	18X	63-80	C	The identifier being provided by the PGA, in response to data submitted by trade	

Note 1

Valid codes are noted in the *PGA Status Notification Codes* document, in the Valid PGA Reference Identification Number Qualifiers section for SO71 Output Related Codes.

Note 2

For FDA, this field would be used to provide the prior notice confirmation number, which is the validation and certification from FDA that the prior notice data was received for the merchandise. This should be retained by the filer.

Note 3

For FDA, the prior notice receipt date and time are returned when FDA generates a prior notice received message to the filer for the merchandise. This information should be retained with the confirmation number.

Note 4

Valid codes are noted in the *PGA Status Notification Codes* document, Valid PGA Line Sub Reason Codes section for SO71 Output Related Codes.

Record Identifier SO72 (Output)

This is a conditional output record that provides information to trade from PGAs. If this record is used, an SO71 may be provided. This record can be repeated as often as necessary. If this record is used, an SO70 must be provided. Multiple of these records may accompany a single SO70 record.

<i>Record Identifier SO72 (Output)</i>					
Data Element	Length/ Class	Position	Status	Description	Note
Control Identifier	4AN	1-4	M	Must always equal SO72	
Comments to Trade from PGA	76X	5-80	M	A narrative message from PGAs to the trade regarding a particular PGA line.	